

APPENDIX B

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AI739096
LOCUS      AI739096                      368 bp    mRNA    linear    EST 20-DEC-1999
DEFINITION wil7h03.x1 NCI_CGAP_Col6 Homo sapiens cDNA clone IMAGE:2390549 3'
            similar to TR:O35111 O35111 CTBAK. [2] TR:O54912 ;contains TAR1.t1
            TAR1 repetitive element ;, mRNA sequence.
ACCESSION  AI739096
VERSION    AI739096.1  GI:5101077
KEYWORDS   EST.
SOURCE     Homo sapiens (human)
  ORGANISM Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1 (bases 1 to 368)
  AUTHORS  NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
  TITLE    National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
            Tumor Gene Index
  JOURNAL  Unpublished (1997)
COMMENT    Contact: Robert Strausberg, Ph.D.
            Email: cgapbs-r@mail.nih.gov
            Tissue Procurement: Ilan Kirsch, M.D., Michael R. Emmert-Buck,
            M.D., Ph.D.
            cDNA Library Preparation: M. Bento Soares, Ph.D.
            cDNA Library Arrayed by: Greg Lennon, Ph.D.
            DNA Sequencing by: Washington University Genome Sequencing Center
            Clone distribution: NCI-CGAP clone distribution information can be
            found through the I.M.A.G.E. Consortium/LLNL at:
            www-bio.llnl.gov/bbrp/image/image.html
            Insert Length: 1184 Std Error: 0.00
            Seq primer: -40UP from Gibco.

FEATURES             Location/Qualifiers
     source           1..368
                     /organism="Homo sapiens"
                     /mol_type="mRNA"
                     /db_xref="taxon:9606"
                     /clone="IMAGE:2390549"
                     /tissue_type="colon tumor, RER+"
                     /lab_host="DH10B"
                     /clone_lib="NCI_CGAP_Col6"
                     /note="Organ: colon; Vector: pT7T3D-Pac (Pharmacia) with a
                     modified polylinker; Site_1: Not I; Site_2: Eco RI;
                     Plasmid DNA from the normalized library NCI_CGAP_Col6 was
                     prepared, and ss circles were made in vitro. Following HAP
                     purification, this DNA was used as tracer in a subtractive
                     hybridization reaction. The driver was PCR-amplified cDNAs
                     from a pool of 5,000 clones made from the same library
                     (cloneIDs 1057416-1061255, and 1144584-1145351).
                     Subtraction by Bento Soares and M. Fatima Bonaldo.  "

ORIGIN

Query Match      45.2%; Score 368; DB 9; Length 368;
Best Local Similarity 100.0%; Pred. No. 2.1e-163;
Matches 368; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      89 AGGAAGTTCGGCTTCTCGGCCGAGGACTACCGCGAGCTGGAGCGCCTGGCGCTCCAGGCT 148
      |||
Db      1 AGGAAGTTCGGCTTCTCGGCCGAGGACTACCGCGAGCTGGAGCGCCTGGCGCTCCAGGCT 60

Qy      149 GAGCCCCACCGCGCCGGCCGAGTGAAGTTCCTCGGCTCCTTCTACTTCGCCATCACC 208
      |||
Db      61 GAGCCCCACCGCGCCGGCCGAGTGAAGTTCCTCGGCTCCTTCTACTTCGCCATCACC 120

Qy      209 GTCATCACTACCATCGAGTACGGCCACGCCGCGCGGGTACGGACTCCGGCAAGGTCTTC 268
      |||
Db      121 GTCATCACTACCATCGAGTACGGCCACGCCGCGCGGGTACGGACTCCGGCAAGGTCTTC 180

Qy      269 TGCATGTTCTACGCGCTCCTGGGCATCCCGTGACGCTGGTCACTTCCAGAGCCTGGGC 328

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Art Unit: 1652

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      |||
Db      181 TGCATGTTCTACGCGCTCCTGGGCATCCCGCTGACGCTGGTCACTTTCAGAGCCTGGGC 240
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Qy      329 GAACGGCTGAACGCGGTGGTGCGGCGCCTCCTGTTGGCGGCCAAGTGCTGCCTGGGCCTG 388
      |||
Db      241 GAACGGCTGAACGCGGTGGTGCGGCGCCTCCTGTTGGCGGCCAAGTGCTGCCTGGGCCTG 300
      |||
Qy      389 CGGTGGACGTGCGTGTCCACGGAGAACCTGGTGGTGGCCGGGCTGCTGGCGTGTGCCGCC 448
      |||
Db      301 CGGTGGACGTGCGTGTCCACGGAGAACCTGGTGGTGGCCGGGCTGCTGGCGTGTGCCGCC 360
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Qy      449 ACCCTGGC 456
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Db      361 ACCCTGGC 368
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